



# CA DTSC and EPA Discussion of Economic Approaches Tools

Thursday, June 30, 2016; 10:30 am PST/1:30 pm EST

Conference Call: 1-866-750-5398

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# AGENDA

- Introductions
- Economic analysis tools, models and templates
- Lessons Learned from paint stripper economic analysis, PFAS economic analysis and 1 BP economic analysis
- Linkage between OCSCPP economists and the EPA National Center for Environmental Economics
- Federal coordination with other agencies
- Action Items/Next Steps

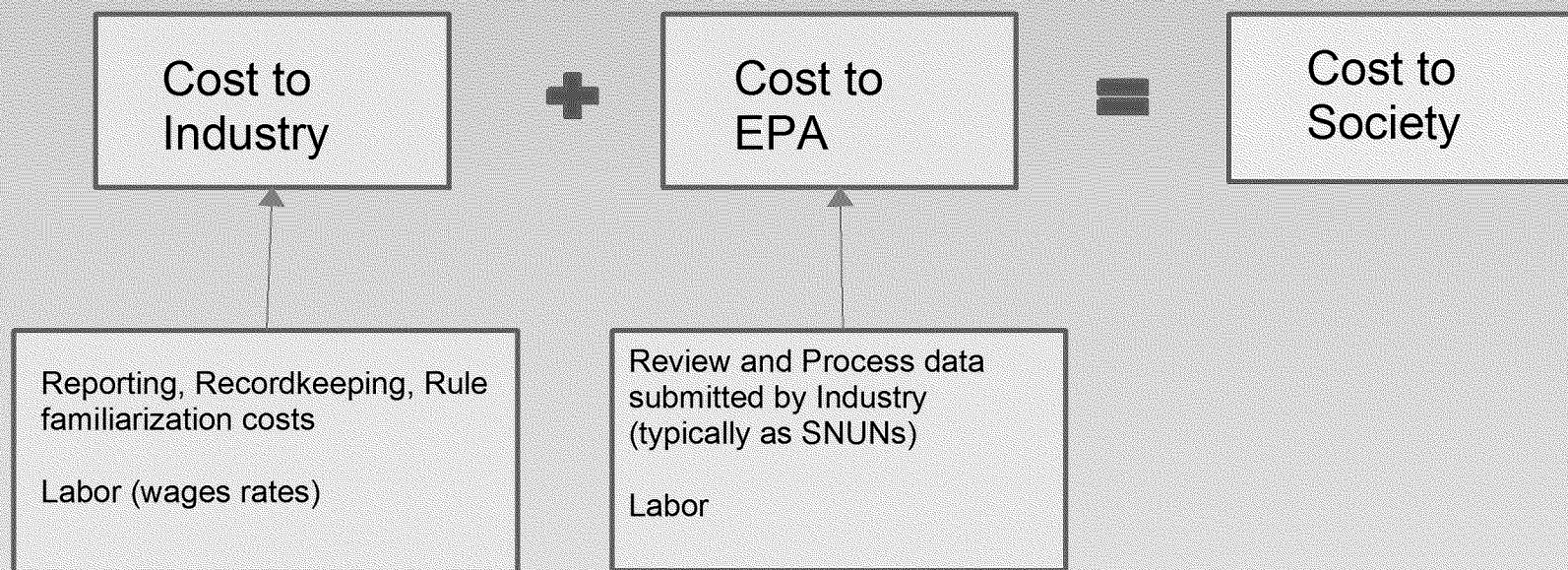




# ECONOMIC TOOLS, TEMPLATES, AND MODELS

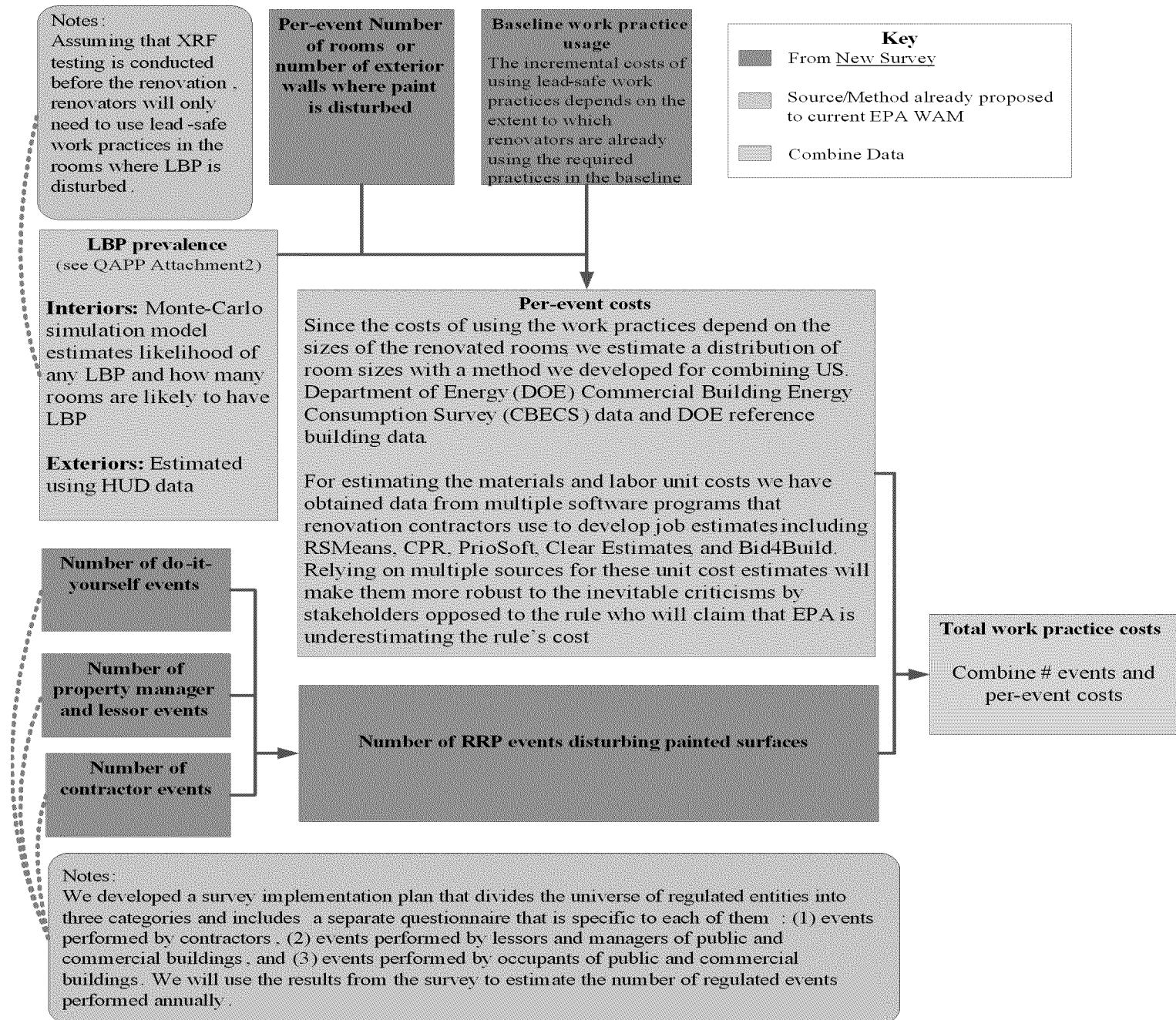
- Information Collection Requests, workshops, CDR, TRI, Hoovers, Census, Dun & Bradstreet
- Work has to follow economic guidance and requirements depending on the type of action
- Economic models range from simple to complex
  - Depending on complexity of action (SNURs versus Lead RRP rulemaking)
  - Data available to use in economic models
  - For benefits, the endpoints evaluated
    - \* Monetized
    - \* Non-monetized

# EXAMPLE: SNUR COST MODEL

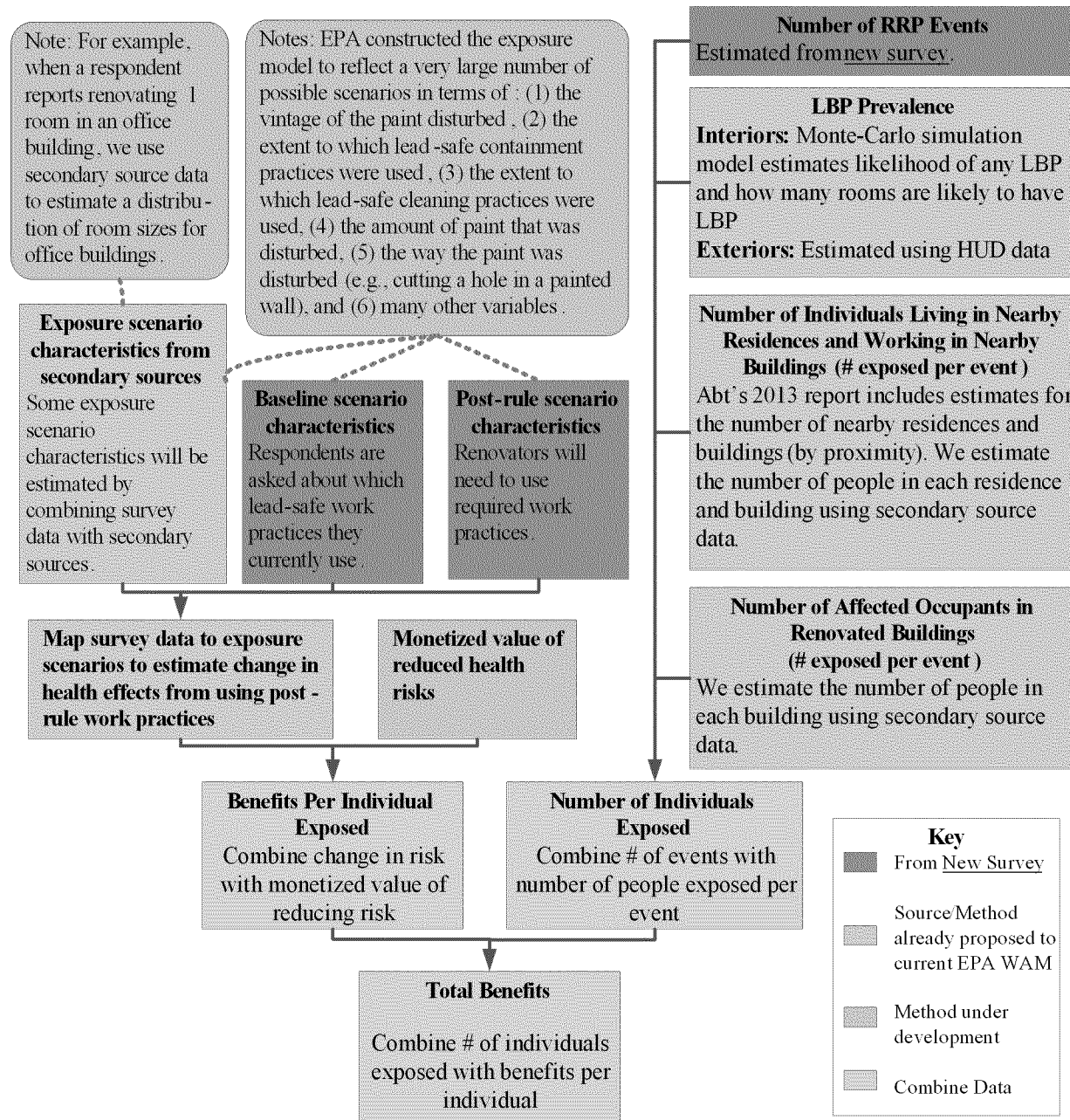




# Example: Lead Public & Commercial Building Cost Model

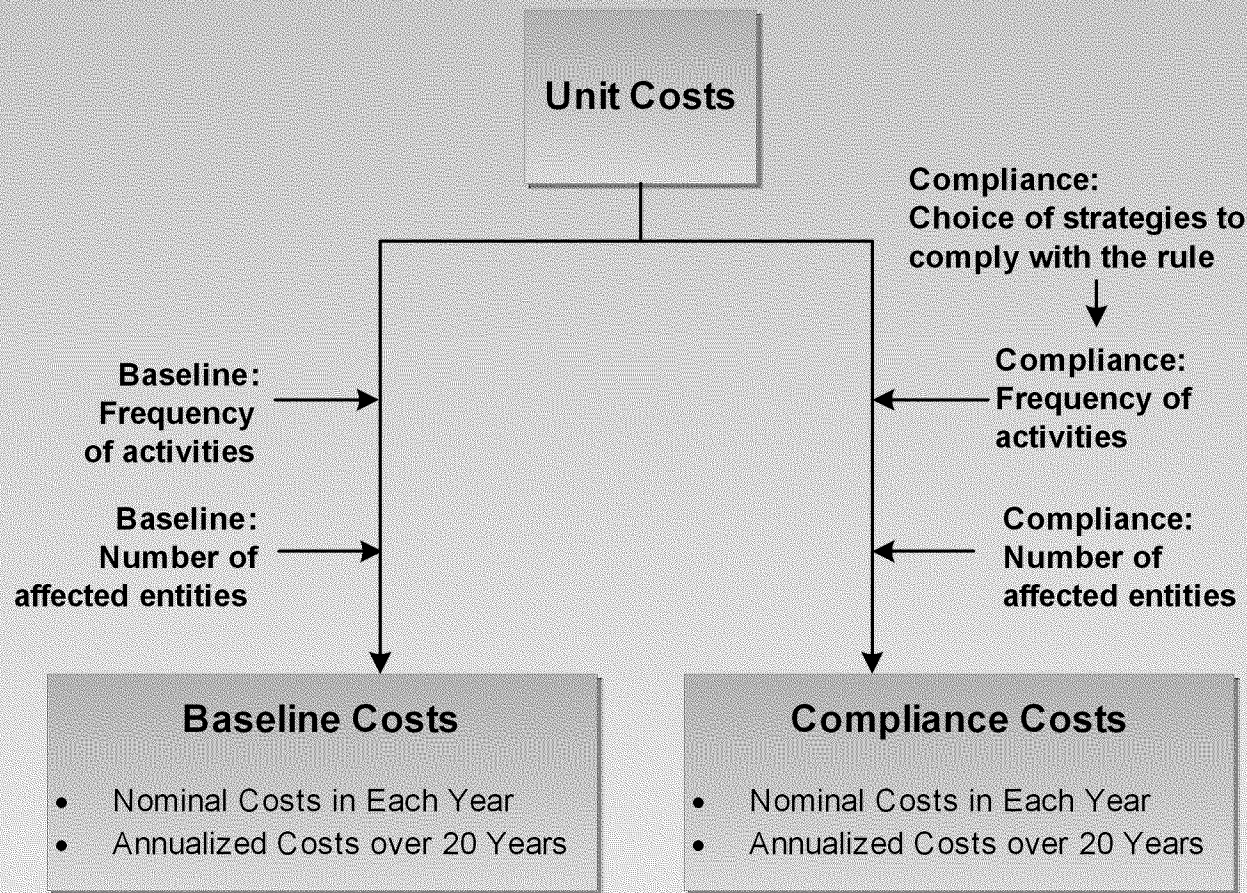


# Example: Lead Public & Commercial Building Benefits Model

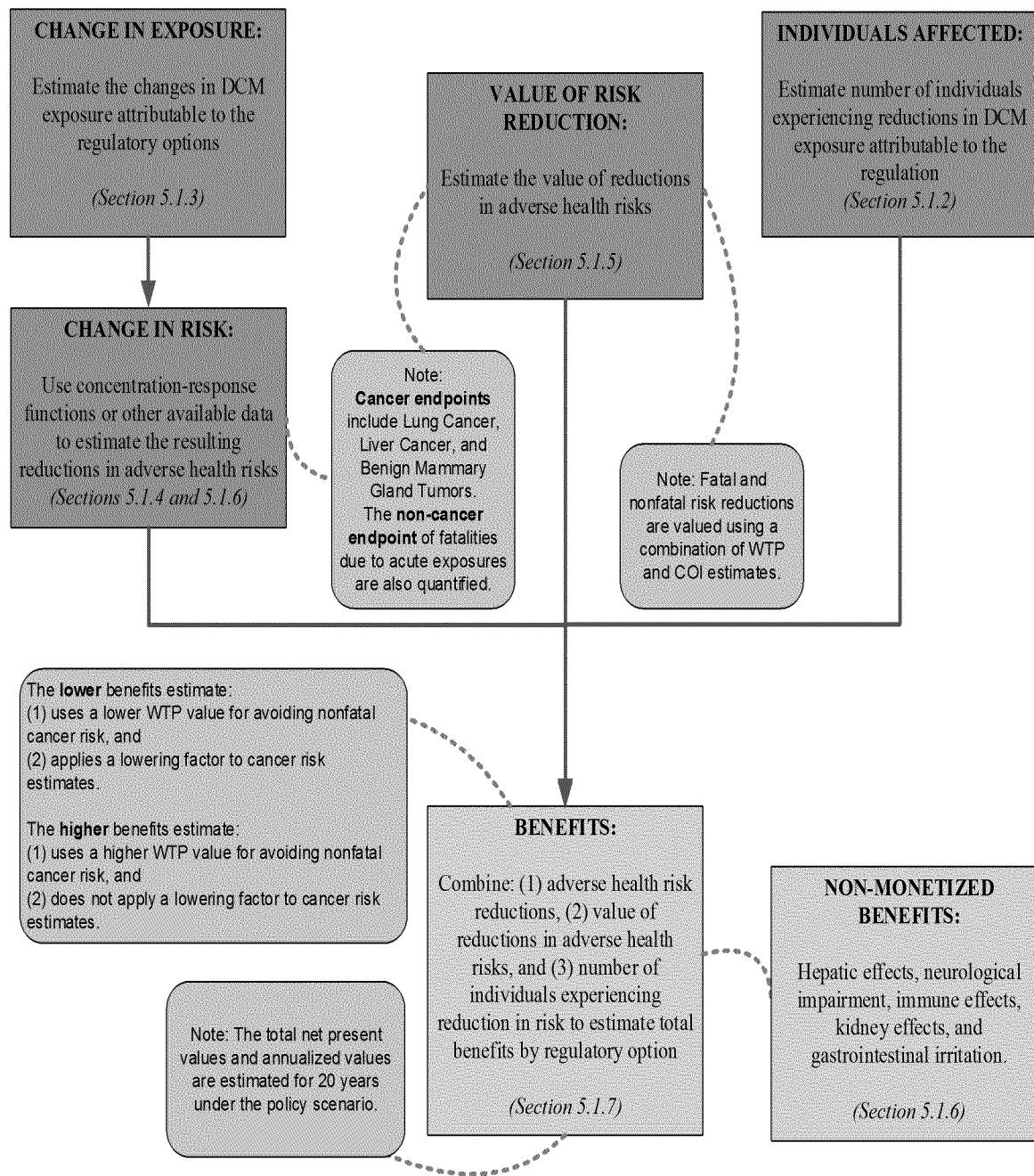




# EXAMPLE: PAINT REMOVERS SECTION 6 COST MODEL



# Example: Paint Removers Section 6 Monetized Benefits Model







# NON-MONETIZED BENEFIT APPROACHES

- Breakeven Analyses
- Cost Effectiveness
- Qualitative discussions



# LESSONS LEARNED

- Paint Remover Section 6
  - Covers a lot of different industries
  - Limited data available
- PFAS
  - Complicated by size and diversity of category
  - Many specialized, lower volume uses
  - Data sparse on articles, especially import
- 1-BP
  - Still in early stages of Risk Management
  - Will be able to benefit from TCE work





# OCSPPECONOMISTS AND NCEE

- National Center for Environmental Economics (NCEE)
- Set Agency guidance for program economists to follow
- Advisory and assistance for program economists



# FEDERAL COORDINATION BETWEEN AGENCIES

- EPA does reach out when appropriate to share what we are doing and to learn about any related work within other agencies such as:
  - OSHA
  - NIOSH
  - CPSC
  - CDC
  - DoD
  - States





# NEXT STEPS

- Paint Removers Section 6
  - Final Agency Review, Interagency Review, Signature
  - Publication of proposal: target is Fall/Winter 2016
  - Comment period & public meetings
- Incorporation of lessons learned into future risk assessments and rulemakings
  - 1-BP
  - Others to come